

- Bhattacharyya, A.R., P. Pötschke, M. Abdel-Goad and D. Fischer, Effect of encapsulated SWNT on the mechanical properties of melt mixed PA12/SWNT composites 392 (2004) 28
- Birgersson, J., M. Keil, Y. Luo, S. Svensson, H. Ågren and W.R. Salaneck, A study of the electronic structure of ethylenedioxythiophene in gas phase using NEXAFS and quantum chemical calculations 392 (2004) 100
- Björneholm, O., see Lundwall, M. 392 (2004) 433
- Björnström, J., A. Martinelli, A. Matic, L. Börjesson and I. Panas, Accelerating effects of colloidal nano-silica for beneficial calcium–silicate–hydrate formation in cement 392 (2004) 242
- Boguslavskiy, A.E., see Ding, H. 392 (2004) 225
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- Bregant, M., G. Cantatore, S. Carusotto, R. Cimino, F. Della Valle, G. Di Domenico, U. Gastaldi, M. Karuza, E. Milotti, E. Polacco, G. Ruoso, E. Zavattini and G. Zavattini, Measurement of the Cotton–Mouton effect in krypton and xenon at 1064 nm with the PVLAS apparatus 392 (2004) 276
- Brédas, J.L., see Marsal, P. 392 (2004) 521
- Bu, X. and C. Zhong, Ab initio analysis of geometric structures of BeHe_n^+ ($n = 1\text{--}12$) clusters 392 (2004) 181
- Buntinx, G., see Burdzinski, G. 392 (2004) 470
- Burdzinski, G., G. Buntinx, O. Poizat, P. Toele, H. Zhang and M. Glasbeek, Femtosecond studies of orientational anisotropy decay of benzopyranthione in the excited S_2 state in hydrocarbons 392 (2004) 470
- Caminati, W., A. Millemaggi, J.L. Alonso, A. Lesarri, J.C. López and S. Mata, Molecular beam Fourier transform microwave spectrum of the dimethylether–xenon complex: tunnelling splitting and ^{131}Xe quadrupole coupling constants 392 (2004) 1
- Cantatore, G., see Bregant, M. 392 (2004) 276
- Cappelletti, D., see Alberti, M. 392 (2004) 514
- Carbonniere, P. and V. Barone, Coriolis couplings in variational computations of vibrational spectra beyond the harmonic approximation: implementation and validation 392 (2004) 365
- Carusotto, S., see Bregant, M. 392 (2004) 276
- Casarin, M., D. Falcomer and A. Vittadini, Interstitial O_3 in silica: a molecular cluster density functional study 392 (2004) 146
- Castaño, F., see Redondo, C. 392 (2004) 116
- Castro, A., see Alberti, M. 392 (2004) 514
- Castro, M.A., see Andrade, O.P. 392 (2004) 270
- Chakrabarty, D., P. Hazra, A. Chakraborty and N. Sarkar, Dynamics of solvation and rotational relaxation in neutral Brij 35 and Brij 58 micelles 392 (2004) 340
- Chakraborty, A., see Chakrabarty, D. 392 (2004) 340
- Chan, G.K.-L., see Hachmann, J. 392 (2004) 55
- Chanda, J. and S. Bandyopadhyay, Distribution of ethanol in a model membrane: a computer simulation study 392 (2004) 249
- Chávez, F.V., R.H. Acosta and D.J. Pusiol, Molecular dynamics above the smectic A–isotropic phase transition of thermotropic liquid crystals studied by NMR 392 (2004) 403
- Choi, C.-H., see Lee, Y.-H. 392 (2004) 319
- Chung, S.S., see Sung, D.D. 392 (2004) 378
- Cimino, R., see Bregant, M. 392 (2004) 276
- Corio, P., A. Jorio, N. Demir and M.S. Dresselhaus, Spectro-electrochemical studies of single wall carbon nanotubes films 392 (2004) 396
- Costa, A., see Garau, C. 392 (2004) 85
- Czernek, J., Imidazopyridopyrimidine base pairing motifs consisting of four hydrogen bonds: a quantum chemical study 392 (2004) 508
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Ding, H., A.E. Boguslavskiy, T.W. Schmidt and J.P. Maier, Gas phase electronic spectrum of the nitrogen terminated nanowire NC₁₆N 392 (2004) 225
Dou, Y., B.R. Torralva and R.E. Allen, Interplay of electronic and nuclear degrees of freedom in a femtosecond-scale photochemical reaction 392 (2004) 352
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Du, D., A. Fu and Z. Zhou, Chiral discrimination in the hydrogen bonding complexes of the R–OOH (R = H and CH₃) dimer 392 (2004) 162
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Enyashin, A.N., V.V. Ivanovskaya, Yu.N. Makurin, V.L. Volkov and A.L. Ivanovskii, Electronic properties of Mo-doped cylindrical and scroll-like divanadium pentoxide nanotubes 392 (2004) 555
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Fang, J., H. You, J. Gao and D. Ma, Improved efficiency by a fluorescent dye in red organic light-emitting devices based on a europium complex 392 (2004) 11
Fauth, K., S. Gold, M. Heßler, N. Schneider and G. Schütz, Cluster surface interactions: small Fe clusters driven nonmagnetic on graphite 392 (2004) 498
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Fung, M.K., S.L. Lai, S.W. Tong, S.N. Bao, C.S. Lee and S.T. Lee, Interface gap states of 8-hydroxyquinoline aluminum induced by cesium metal 392 (2004) 40
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Garamus, V.M., G. Milkereit, S. Gerber and V. Vill, Micellar structure of a sugar based bolaamphiphile in pure solution and destabilizing effects in mixtures of glycolipids 392 (2004) 105
Garau, C., A. Frontera, D. Quiñero, P. Ballester, A. Costa and P.M. Deyà, Cation- π versus anion- π interactions: a comparative ab initio study based on energetic, electron charge density and aromatic features 392 (2004) 85
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- Gerenkamp, M. and S. Grimme, Spin-component scaled second-order Møller–Plesset perturbation theory for the calculation of molecular geometries and harmonic vibrational frequencies 392 (2004) 229
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- Gondal, M.A., A. Hameed, Z.H. Yamani and A. Arfaj, Photocatalytic transformation of methane into methanol under UV laser irradiation over WO₃, TiO₂ and NiO catalysts 392 (2004) 372
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- Hachmann, J., P.T.A. Galek, T. Yanai, G.K.-L. Chan and N.C. Handy, The nodes of Hartree–Fock wavefunctions and their orbitals 392 (2004) 55
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- Han, J., H. Xu, Z. Zhu, X. Yu and W. Li, Terahertz spectroscopy of naphthalene, α -naphthol, β -naphthol, biphenyl and anthracene 392 (2004) 348
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- Hirasawa, M., Y. Sakazaki, H. Hane and T. Kobayashi, Direct observation of vibrational dynamics in tin phthalocyanine 392 (2004) 390
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- Ibuki, T., Y. Shimada, S. Nagaoka, A. Fujii, M. Hino, T. Kakiuchi, K. Okada, K. Tabayashi, T. Matsudo, Y. Yamana, I.H. Suzuki and Y. Tamenori, Total photoabsorption cross-sections of CF₃SF₅ in the C, F and S K-shell regions 392 (2004) 303
- Igarashi, H., H. Murakami, Y. Murakami, S. Maruyama and N. Nakashima, Purification and characterization of zeolite-supported single-walled carbon nanotubes catalytically synthesized from ethanol 392 (2004) 529
- Ihara, K., see Shibata, M. 392 (2004) 330
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- Immaraporn, B., N. Magg, S. Kaya, J. Wang, M. Bäumer and H.-J. Freund, CO Adsorption study of V/SiO₂: the low vanadium coverage regime 392 (2004) 127
- Irving, D.L., S.B. Sinnott and A.S. Lindner, Corrigendum to: 'Interaction of functionalized benzene molecules with carbon nanopores' [Chem. Phys. Lett. 389 (2004) 96] 392 (2004) 567

- Ishida, T., see Kurokawa, G. 392 (2004) 74
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- Ivanovskii, A.L., see Enyashin, A.N. 392 (2004) 555
- Jaeger, T.D., A. Fielicke, G. von Helden, G. Meijer and M.A. Duncan, Infrared spectroscopy of water adsorption on vanadium cluster cations (V_x^+ ; $x = 3-18$) 392 (2004) 409
- Jang, Y.-T., see Lee, Y.-H. 392 (2004) 319
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- Jiang, J., R. Saito, A. Grüneis, G. Dresselhaus and M.S. Dresselhaus, Electron-phonon interaction and relaxation time in graphite 392 (2004) 383
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- Kar, T., B. Akdim, X. Duan and R. Pachter, A theoretical study of functionalized single-wall carbon nanotubes: ONIOM calculations 392 (2004) 176
- Karuza, M., see Bregant, M. 392 (2004) 276
- Kashiwagi, H., see Sato, F. 392 (2004) 565
- Kataura, H., see Nishide, D. 392 (2004) 309
- Katayanagi, H., S. Hayashi, H.-o. Hamaguchi and K. Nishikawa, Structure of an ionic liquid, 1-*n*-butyl-3-methylimidazolium iodide, studied by wide-angle X-ray scattering and Raman spectroscopy 392 (2004) 460
- Kato, T. and H. Kono, Time-dependent multiconfiguration theory for electronic dynamics of molecules in an intense laser field 392 (2004) 533
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- Keinan, S., M.A. Ratner and T.J. Marks, Molecular zippers – designing a supramolecular system 392 (2004) 291
- Kennerly, W.W., see Arango, C.A. 392 (2004) 486
- Kenny, J.M., see Valentini, L. 392 (2004) 214
- Kim, J.G., Y. Fukunishi and H. Nakamura, Average energy guided simulated tempering implemented into molecular dynamics algorithm for protein folding simulation 392 (2004) 34
- Kim, J.-Y., see Sung, D.D. 392 (2004) 378
- Kim, P.G., N.O. Petersen, T.K. Sham and Y.F. Hu, Soft X-ray excited optical luminescence (XEOL) studies of fluorescein isothiocyanate (FITC) and FITC-labeled proteins 392 (2004) 44
- Kim, D.-H., see Lee, Y.-H. 392 (2004) 319
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- Kobko, N., A. Masunov and S. Tretiak, Calculations of the third-order nonlinear optical responses in push-pull chromophores with a time-dependent density functional theory 392 (2004) 444
- Koga, T. and H. Matsuyama, Bounds to average cosines $\langle \cos \theta_{12} \rangle$ in the Hartree-Fock theory of atoms 392 (2004) 561
- Kokubo, H. and Y. Okamoto, Self-assembly of transmembrane helices of bacteriorhodopsin by a replica-exchange Monte Carlo simulation 392 (2004) 168
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- Kurokawa, G., T. Ishida and T. Nogami, Remarkably strong intermolecular antiferromagnetic couplings in the crystal of biphenyl-3,5-diyl bis(*tert*-butyl nitroxide) 392 (2004) 74
- López, J.C., see Caminati, W. 392 (2004) 1
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- Lai, S.L., see Fung, M.K. 392 (2004) 40
- Lee, E.P.F. and T.G. Wright, Preliminary calculations on the Na–N₂ complex 392 (2004) 187
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- Lee, Y.-H., C.-W. Lee, D.-H. Kim, Y.-T. Jang, C.-H. Choi, K.-S. Shin and B.-K. Ju, Gating effect of suspended multiwalled carbon nanotube with all-shell rooted from electrodes: parallel growth from ferromagnetic catalytic contact 392 (2004) 319
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- Li, Y.P. and Q.S. Li, Simulation of explicit internal signal stochastic resonance in a qualitative model for intercellular calcium ion oscillations 392 (2004) 95
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- Liu, Z., see Meloni, G. 392 (2004) 90
- Long, X., Z. Lin, Z. Hu and G. Wang, Polarized spectral characteristics and energy levels of Cr³⁺:LaSc₃(BO₃)₄ crystal 392 (2004) 192
- Lucotti, A., C. Bertarelli and G. Zerbi, 'Optical' fatigue in a solid state diarylethene polymer 392 (2004) 549
- Lundwall, M., M. Tchapyguine, G. Öhrwall, R. Feifel, A. Lindblad, A. Lindgren, S. Sørensen, S. Svensson and O. Björneholm, Radial surface segregation in free heterogeneous argon/krypton clusters 392 (2004) 433
- Luo, Y., see Birgersson, J. 392 (2004) 100
- Machado, M., P. Piquini and R. Mota, Charge distributions in BN nanocones: electric field and tip termination effects 392 (2004) 428
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- Marsal, P., I. Avilov, D.A. da Silva Filho, J.L. Brédas and D. Beljonne, Molecular hosts for triplet emission in light emitting diodes: A quantum-chemical study 392 (2004) 521
- Martinelli, A., see Björnström, J. 392 (2004) 242
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- McClain, B.L., I.J. Finkelstein and M.D. Fayer, Vibrational echo experiments on red blood cells: Comparison of the dynamics of cytoplasmic and aqueous hemoglobin 392 (2004) 324
- Meijer, G., see Jaeger, T.D. 392 (2004) 409
- Meloni, G., M.J. Ferguson, S.M. Sheehan, H. Gomez, Z. Liu and D.M. Neumark, Probing the connection between cluster and bulk electronic structure of InP using vacuum ultraviolet anion photoelectron spectroscopy 392 (2004) 90
- Menyhárd, D.K., Electron transfer between the heme bound oxygen and the tetrahydrobiopterin cofactor of nitric oxide synthase: a DFT study 392 (2004) 439
- Mestdagh, J.-M., see Wang, J. 392 (2004) 62
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- Mitrasinovic, P.M., Invariant description of the behavior of electrons in donor-acceptor molecules 392 (2004) 419
- Miyamoto, Y., S. Berber, M. Yoon, A. Rubio and D. Tománek, Can photo excitations heal defects in carbon nanotubes? 392 (2004) 209
- Montero, C., see Morato, M. 392 (2004) 255
- Morato, M., K. Gasmí, C. Montero and A. González Ureña, Molecular beam electric resonance without A and B fields: NO versus (NO)₂ depletion spectra 392 (2004) 255
- Mota, R., see Machado, M. 392 (2004) 428
- Motzkus, M., see Witte, T. 392 (2004) 156
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- Munn, R.W. and P. Petelenz, Mechanism for effective polarizability enhancement in molecular crystals: C₆₀ 392 (2004) 7
- Murakami, H., see Igarashi, H. 392 (2004) 529
- Murakami, Y., see Igarashi, H. 392 (2004) 529
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- Nagata, M., Y. Futami, N. Akai, S. Kudoh and M. Nakata, Structure and infrared spectrum of 2-hydroxyphenyl radical 392 (2004) 259
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- Nishide, D., H. Kataura, S. Suzuki, S. Okubo and Y. Achiba, Growth of single-wall carbon nanotubes from ethanol vapor on cobalt particles produced by pulsed laser vaporization 392 (2004) 309
- Nishikawa, K., see Katayanagi, H. 392 (2004) 460
- Nishimura, K., F.S. Rondonuwu, R. Fujii, J. Akahane, Y. Koyama and T. Kobayashi, Sequential singlet internal conversion of $1B_u^+ \rightarrow 3A_g^- \rightarrow 1B_u^- \rightarrow 2A_g^- \rightarrow (1A_g^- \text{ ground})$ in all-*trans*-spirilloxanthin revealed by two-dimensional sub-5-fs spectroscopy 392 (2004) 68
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- Pelc, A., W. Sailer, P. Scheier, T.D. Märk and E. Illenberger, Fragmentation of propanoic acid by subexcitation electrons 392 (2004) 465
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- Pickup, D.M., F.E. Sowrey, K.O. Drake, M.E. Smith and R.J. Newport, New insights into medium-range order around titanium in sol-gel derived silica through isotope difference neutron diffraction and reverse Monte Carlo modelling 392 (2004) 503
- Piquini, P., see Machado, M. 392 (2004) 428
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- Polacco, E., see Bregant, M. 392 (2004) 276
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- Portnov, A., S. Rosenwaks and I. Bar, Vibrationally mediated photodissociation of 1-butyne initially excited to the $3\nu_1$ state 392 (2004) 140
- Pötschke, P., see Bhattacharyya, A.R. 392 (2004) 28
- Praña, B., R. Gomperts and J.A. Sordo, A theoretical study on the mechanism of the reaction between Cl atoms and nitrobenzene 392 (2004) 236
- Pusiol, D.J., see Chávez, F.V. 392 (2004) 403
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- Ratner, M.A., see Keinan, S. 392 (2004) 291
- Redondo, C., M.N. Sánchez Rayo, P. Ecija, D. Husain and F. Castaño, Collisional dynamics of low energy states of atomic strontium following the generation of $\text{Sr}(5s5p^1P_1)$ in the presence of Ne, Kr and Xe 392 (2004) 116
- Rondonuwu, F.S., see Nishimura, K. 392 (2004) 68
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- Sasaki, T., see Shibata, M. 392 (2004) 330
- Sato, F., T. Yoshihiro, M. Era and H. Kashiwagi, Corrigendum to: 'Calculation of all-electron wavefunction of hemoprotein cytochrome *c* by density functional theory' [Chem. Phys. Lett. 341 (2001) 645–651] 392 (2004) 565
- Sawada, T., Z. Liu, N. Takagi, K. Watanabe and Y. Matsumoto, Reactivity of molecular oxygen: conversion of methanol to formate at low temperatures on $\text{Pt}(111)$ 392 (2004) 334
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- Schöll, A., D. Hübner, Th. Schmidt, S.G. Urquhart, R. Fink and E. Umbach, Anharmonicity of the core-excited state potential of an organic molecule from NEXAFS vibronic fine structure 392 (2004) 297
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- Schrader, T., A. Sieg, F. Koller, W. Schreier, Q. An, W. Zinth and P. Gilch, Vibrational relaxation following ultrafast internal conversion: comparing IR and Raman probing 392 (2004) 358

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- Segal, D., P. Král and M. Shapiro, Electric and magnetic-field tuning of tubular image states above suspended nanowires 392 (2004) 314
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- Sillars, D., C.J. Bennett, Y. Osamura and R.I. Kaiser, Infrared spectroscopic detection of the disilenyl (Si_2H_3) and d3-disilenyl (Si_2D_3) radicals in silane and d4-silane matrices 392 (2004) 541
- Sinnott, S.B., see Irving, D.L. 392 (2004) 567
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- Sun, J.-L., H. Liu, H.-M. Wang, K.-L. Han and S. Yang, Photo-induced reactions in the gaseous metal ion-nucleobase complex Mg^+ -cytosine 392 (2004) 285
- Sung, D.D., J.-Y. Kim, I. Lee, S.S. Chung and K.H. Park, Temperature dependence of the rate and activation parameters for *tert*-butyl chloride solvolysis: Monte Carlo simulation of confidence intervals 392 (2004) 378
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- Tachikawa, T., S. Tojo, M. Fujitsuka and T. Majima, Direct observation of the cascade hole transfer giving free radical cations of *trans*-stilbenes during TiO_2 photocatalytic reactions 392 (2004) 50
- Tada, H., see Takada, M. 392 (2004) 265
- Takada, M. and H. Tada, Low temperature scanning tunneling microscopy of phthalocyanine multilayers on Au(111) surfaces 392 (2004) 265
- Takagi, N., see Sawada, T. 392 (2004) 334
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- Tang, Y., L. Ji, B. Tang, R. Zhu, S. Zhang and B. Zhang, Studies on photodissociation of alkyl bromides at 234 and 267 nm 392 (2004) 493
- Tang, B., see Tang, Y. 392 (2004) 493
- Tao, C., P.J. Dagdigian and M.H. Alexander, Experimental and theoretical investigation of the $3s \leftarrow 2p$ transition in the BNe_2 complex 392 (2004) 151
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- Torimoto, T., Y. Aburakawa, Y. Kawahara, S. Ikeda and B. Ohtani, Light intensity dependence of the action spectra of photocatalytic reactions with anatase titanium(IV) oxide 392 (2004) 220
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- Valentini, L., V. Bavastrello, I. Armentano, F. D'Angelo, G. Pennelli, C. Nicolini and J.M. Kenny, Synthesis and electrical properties of CdS Langmuir–Blodgett multilayers nanoparticles on self-assembled carbon nanotubes 392 (2004) 214
- Van-Oanh, N.-T., see Wang, J. 392 (2004) 62
- Vértesi, T. and E. Bene, Pair annihilation of conical intersections and a study to infer the phenomenon 392 (2004) 17
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- Wang, J., N.-T. Van-Oanh, D. Bellert, W.H. Breckenridge, M.-A. Gaveau, E. Gloaguen, B. Soep and J.-M. Mestdagh, Laser spectroscopic studies of the $E^1\Sigma^+$ 'Rydberg' state of the MgO molecule 392 (2004) 62
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- Wei, J., Z. Sun, F. Zhang, W. Xu, Y. Wang, F. Zhou and F. Gan, Thermal melting of solid materials induced by ultrafast laser pulse irradiation as explosively homogeneous nucleation 392 (2004) 415
- Witte, T., J.S. Yeston, M. Motzkus, E.J. Heilweil and K.-L. Kompa, Femtosecond infrared coherent excitation of liquid phase vibrational population distributions ($\nu > 5$) 392 (2004) 156
- Wright, T.G., E.P.F. Lee, M. Hotokka and P. Pyykkö, Al^{3+} –He: stability and spectroscopy 392 (2004) 281
- Wright, T.G., see Lee, E.P.F. 392 (2004) 187
- Xiang, H., D. Liu, Z. Wang, Z. Li, W. Huang, H. Yang, Z. Guo and Q. Gong, Large difference of ultrafast third-order optical response between two C_{60} derivatives 392 (2004) 80
- Xiao, L. and L. Wang, From planar to three-dimensional structural transition in gold clusters and the spin–orbit coupling effect 392 (2004) 452
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